



ATTORNEYS AT LAW

1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314(703) 413-3000
(703) 413-2220 FACSIMILEOBLONPAT@OBLON.COM
WWW.OBLON.COM**FACSIMILE**

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on Date: 2-13-04Signature: Ronald G. ProbstTotal number of pages including this page: 11Dept.: E/MBy: GJM/RAR/clhOSMM&N File No. 216362US2Serial No. 09/989,024In the matter of the Application of: Hirofumi TAKIKAWA, et al.For: METHOD FOR MANUFACTURING NANO-TUBE, NANO-TUBE MANUFACTURED THEREBY,
APPARATUS FOR MANUFACTURING NANO-TUBE, METHOD FOR PATTERNING NANO-TUBE,
NANO-TUBE MATERIAL PATTERNED THEREBY, AND ELECTRON EMISSION SOURCEDue Date: 2/16/2004

■ Cover/Letter

■ Supplemental Amendment Under 37 C.F.R. § 1,111(A)(2)

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Docket No. 216362US2

IN RE APPLICATION OF: Hirofumi TAKIKAWA, et al.

SERIAL NO: 09/989,024

FILED: November 21, 2001

FOR: METHOD FOR MANUFACTURING NANO-TUBE, NANO-TUBE MANUFACTURED THEREBY,
 APPARATUS FOR MANUFACTURING NANO-TUBE, METHOD FOR PATTERNING NANO-TUBE, NANO-
 TUBE MATERIAL PATTERNED THEREBY, AND ELECTRON EMISSION SOURCE

COMMISSIONER FOR PATENTS
 ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

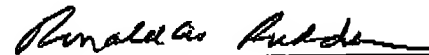
- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	29	MINUS	36	0	x \$18 =	\$0.00
INDEPENDENT	4	MINUS	4	0	x \$86 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$290 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
 MAIER & NEUSTADT, P.C.



Gregory J. Maier

Registration No. 25,599

Customer Number

22850

Tel. (703) 413-3000
 Fax. (703) 413-2220
 (OSM/MN 05/03)

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Ronald A. Rudder, Ph.D.

Registration No. 45,618

Docket No. 216362US2

IN RE APPLICATION OF: Hirofumi TAKIKAWA, et al.

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COMMISSIONER FOR PATENTS
 ALEXANDRIA, VIRGINIA 22313

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OBLON, SPIVAK, McCLELLAND,
 MAIER & NEUSTADT, P.C.


 Gregory J. Maier

Registration No. 25,599

Customer Number

22850

Tel. (703) 413-3000
 Fax. (703) 413-2220
 (OSMIN 05/03)

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Ronald A. Rudder, Ph.D.

Registration No. 45,618

Docket no: 216362US-2

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

HIROFUMI TAKIKAWA ET AL.

SERIAL NO: 09/989,024

FILED: NOVEMBER 21, 2001

FOR: METHOD FOR MANUFACTURING
NANO-TUBE, NANO-TUBE
MANUFACTURED THEREBY,
APPARATUS FOR MANUFACTURING
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PATTERNING NANO-TUBE, NANO-
TUBE MATERIAL PATTERNED
THEREBY, AND ELECTRON EMISSION
SOURCE

:

: EXAMINER: RAO, S.

:

: GROUP ART UNIT: 2814

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111(A)(2)

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In a supplemental response to the Office Action dated May 8, 2003, please amend the
above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.

Handwritten:
J. Euler
SK
2/17/2004